

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103119\
 Data File : VU035562.D
 Acq On : 30 Oct 2019 15:17
 Operator : JC/SP
 Sample : VIBLK44
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK44

Quant Time: Oct 30 23:49:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 00:14:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	693741	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	655645	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	204024	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	276015	49.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.52%
7) Chloroethane-d5	1.94	69	228448	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.10%
11) 1,1-Dichloroethene-d2	2.60	63	329155	37.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.54%
21) 2-Butanone-d5	4.70	46	338356	103.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.38%
24) Chloroform-d	5.12	84	424222	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	5.75	65	272878	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.96%
32) Benzene-d6	5.78	84	912845	53.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.82%
36) 1,2-Dichloropropane-d6	6.74	67	296876	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.14%
41) Toluene-d8	7.93	98	829215	51.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.88%
43) trans-1,3-Dichloropropene-	8.22	79	133487	52.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.58%
47) 2-Hexanone-d5	8.68	63	217255	102.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.28%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	384864	48.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.66%
64) 1,2-Dichlorobenzene-d4	12.22	152	232102	56.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	5396	1.874	ug/L	96
14) Carbon disulfide	2.83	76	25781	1.975	ug/L	98
22) 2-Butanone	4.78	43	6410	1.686	ug/L	96
40) 4-Methyl-2-pentanone	7.84	43	21591	3.271	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.81	83	7721	0.948	ug/L #	93
62) 1,3-Dichlorobenzene	11.78	146	14438	2.243	ug/L	96
63) 1,4-Dichlorobenzene	11.86	146	18061	2.762	ug/L	93
65) 1,2-Dichlorobenzene	12.24	146	15667	2.391	ug/L	91
66) 1,2-Dibromo-3-chloropropan	13.02	75	3504	3.449	ug/L	93
68) 1,2,4-trichlorobenzene	13.86	180	22420	9.001	ug/L	97
70) 1,2,3-Trichlorobenzene	14.35	180	29618	11.036	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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